

Material Safety Data Sheet HD Cleaner

Section 1. Identification

Product Name: HD CLEANER

Recommended Use: Water based Degreaser

Supplier: Genesis Industrial Pty Ltd, 6 Ginger Street, Paget 4740 **Phone No:** 07 4999 9743

Emergency Phone No - 13 11 26 – Poisons Information Centre

Section 2. Hazards Identification

Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail; NON-DANGEROUS GOODS.

This material is hazardous according to Safe Work Australia;

HAZARDOUS SUBSTANCE.

Classification of the substance or mixture:

Eye Irritation - Category 2A

Harmful if Inhaled

May cause Respiratory Irritation

Do not breath vapour/spray

SIGNAL WORD: **WARNING**



Hazard Statement(s):

H319 Causes serious eye irritation.

Precautionary Statement(s):

Prevention:P264 Wash hands thoroughly after handling.

P280 Wear protective gloves / protective clothing / eye protection / face protection.

Response:

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313 If eye irritation persists: Get medical advice/

Section 3. Composition Information

Ingredient Name	CAS No	Proportions
Sodium hydroxide	1310-73-2	0.8%
Butoxyethanol	111-76-2	1-10%
Other ingredients determined not to be hazardous or below concentration cut-off to 100		

Section 4. First Aid

Description of first aid measures

For advice, contact a Poisons Information Centre (e.g. phone Australia 131 126; New Zealand 0800 764 766) or a doctor.

Inhalation:

Remove victim from area of exposure - avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. Seek medical advice if effects persist.

Skin Contact:

If skin contact occurs, remove contaminated clothing and wash skin with running water. If irritation occurs seek medical advice.

Eye Contact:

If in eyes, hold eyelids apart and flush the eye continuously with running water. Remove contact lenses if safe to do so. Continue flushing until advised to stop by a Poisons Information Centre or a doctor, or for at least 15 minutes.

Ingestion:

Rinse mouth with water. If swallowed, give a glass of water to drink. If vomiting occurs give further water. Seek medical advice.

Indication of immediate medical attention and special treatment needed: Treat symptomatically.

Section 5. Fire Fighting Measures

Fire/Explosion Hazard: This product is not combustible. Fire fighters to wear self-contained breathing apparatus in the event of a fire. Use water fog, or fine spray mist to extinguish.

Additional Information: No Hazchem code is applicable.

Section 6. Accidental Release Measures

Spills and Disposal: Spills may be slippery. Remove non-essential personnel from the area. Ensure that any products of incompatible classes near the spill are removed. Dam and recover. Prevent entry into drainage systems, sewers and waterways. Collect with inert absorbent material such as sand or earth.

Section 7. Handling and Storage

Precautions for Safe Handling and Storage: Not classified for storage. When not being used, the product containers should be stored upright, and secured with the original closure. If transfer to another container becomes necessary, ensure that the container is clearly labelled, the container is of a type suitable for the product, and is clean and free of other materials. Do not eat, drink or smoke in contaminated areas. Before eating, drinking or smoking, remove contaminated clothing and wash hands.

Dispensing: Always use clean and dry equipment to dispense the product. Dispensers should be cleaned before and after use. All dispensers should be washed out after use.

Flammability: Non-combustible material.

Section 8. Exposure Controls and Personal Protection

Exposure Standards: There are no exposure standards available for this product. The manufacturer of 2-butoxyethanol has recommended an exposure standard of 25 ppm with peak limitation for this component.

Personal Protective Equipment: Use sensible work practices that reduce operator exposure to the product. Protective clothing and equipment should be worn: Respiratory protection should be used if there is a risk of exposure to high vapour concentrations. Respirators should comply with AS1716 or an equivalent approved by a state/territory authority.

Eye/Face Protection: Safety glasses or chemical resistant goggles should be worn to prevent eye contact. Skin

Protection: Nitrile or rubber gloves should be used to prevent skin contact. **Respiratory Protection:** Respirator is not usually necessary unless the product is being used in a confined area. Use a suitable respirator for particulates & alkaline.

Engineering Controls: Ensure that adequate ventilation is provided. Maintain air concentrations below recommended exposure standards. Avoid generating and inhaling mists. Keep containers closed when not in use.

Section 9. Physical and Chemical Properties

Appearance:	Violet liquid
Odour:	Chemical odour
Boiling Point (C):	Approximately 100
Vapour Pressure (mmHg @ 20C):	Not measured
Specific Gravity (g/ml @ 25C):	1.00 – 1.10
Flashpoint (C):	None
Flammability Limits (%):	Non flammable
Solubility in Water	Miscible with water
pH:	> 11

Section 10. Stability and Reactivity

Chemical Stability: Stable under normal ambient storage conditions.

Conditions to Avoid: Avoid high temperatures (store below 30°C). Protect against physical damage.

Incompatible Materials: Strong Acids. Do not mix with other chemicals.

Hazardous Decomposition Products: None known

Hazardous Reactions: None known.

Section 11. Toxicological Information

HEALTH EFFECTS

Acute:

Swallowed: May cause nausea and irritation to the mouth and digestive tract

Eye: May cause severe irritation and reddening. Prolonged contact may cause permanent damage

Skin: May cause irritation to the skin.

Inhaled: Inhalation of fine mists will cause irritation to the respiratory tract and nasal passages.

Chronic: Repeated or prolonged exposure to 2-butoxyethanol can result in blood changes, liver and kidney disorders. There is evidence that experimental animals are more sensitive to these effects than humans.

FIRST AID:

Swallowed: If swallowed, **DO NOT** induce vomiting. Give a glass of water to drink and seek medical advice.

Eye: If in eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor urgently.

Skin: If skin contact occurs, remove contaminated clothing and wash skin thoroughly. Wash clothing before reuse.

Inhaled: Remove victim from exposure if safe to do so. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume a comfortable position and keep warm. Seek medical assistance if symptoms persist.

Section 12. Ecological Information

Ecotoxicity: Concentrated product may harm environment. Dilute well with water and dispose of according to Local Authority regulations.

Section 13. Disposal Considerations

Disposal Method: Dilute well, Refer to State/Territory Land Waste Management Authority. Normally suitable for disposal at approved land waste site.

Section 14. Transport Information

Not as Dangerous Goods in accordance with the criteria of the Australian Dangerous Goods Code for transport by Road and Rail (ADG 7.3).

Section 15. Regulatory Information

Poisons Schedule:

S5	Caution
S2	Keep Out of the Reach of Children
S 45	In case of an accident or if you feel unwell, seek medical advice immediately

Section 16. Other Information

This SDS summarises our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user must review this MSDS in the context of how the product will be handled in the workplace and in conjunction with other materials. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company.

Contact Person/Point Genesis Industrial Pty Ltd, Technical Manager

MSDS Date: 29th November 2020